

# SEQUENCE LISTING

- <110> Estell, David A.  
 <120> Proteases From Gram-Positive Organisms  
 <130> GC382-US  
 <140> US 09/462,845  
 <141> 2000-01-13  
 <150> PCT/US98/14647  
 <151> 1998-07-14  
 <150> EP 97305237.7  
 <151> 1998-07-15  
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 35 40 45  
 Tyr Glu Thr Lys Thr Gly Gly Ser Val Pro Trp Thr His Gly Glu Lys  
 50 55 60  
 Arg Ser Thr Asp Pro Arg Trp Ser Pro Asp Gly Arg Thr Leu Ala Phe  
 65 70 75 80  
 Ile Ser Asp Arg Glu Gly Asp Ala Ala Gln Leu Tyr Ile Met Ser Thr  
 85 90 95  
 Glu Gly Gly Glu Ala Arg Lys Leu Thr Asp Ile Pro Tyr Gly Val Ser  
 100 105 110  
 Lys Pro Leu Trp Ser Pro Asp Gly Glu Ser Ile Leu Val Thr Ile Ser  
 115 120 125  
 Leu Gly Glu Gly Glu Ser Ile Asp Asp Arg Glu Lys Thr Glu Gln Asp  
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 Ser Tyr Glu Pro Val Glu Val Gln Gly Leu Ser Tyr Lys Arg Asp Gly  
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 Lys Gly Leu Thr Arg Gly Ala Tyr Ala Gln Leu Val Leu Val Ser Val  
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 Lys Ser Gly Glu Met Lys Glu Leu Thr Ser His Lys Ala Asp His Gly  
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 Asp Pro Ala Phe Ser Pro Asp Gly Lys Trp Leu Val Phe Ser Ala Asn  
 195 200 205  
 Leu Thr Glu Thr Asp Asp Ala Ser Lys Pro His Asp Val Tyr Ile Met  
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 225 230 235 240  
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 245 250 255  
 Gly Asn Glu Lys Glu Tyr Lys Asn Ala Thr Leu Ser Lys Ala Trp Leu  
 260 265 270  
 Tyr Asp Ile Glu Gln Gly Arg Leu Thr Cys Leu Thr Glu Met Leu Asp  
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 Val His Leu Ala Asp Ala Leu Ile Gly Asp Ser Leu Ile Gly Gly Ala  
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 Gly Thr Asp Gln Gly Ser Thr Gly Ile Tyr Tyr Ile Ser Ile Glu Gly  
 325 330 335  
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 Arg Pro Ser Glu Leu Tyr Ser Ile Pro Leu Gly Gln Glu Glu Lys Gln  
 370 375 380  
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 Pro Glu Glu Ile Gln Tyr Ala Thr Glu Asp Gly Val Met Val Asn Gly  
 405 410 415  
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[illegible]



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 Met Leu Thr Ala Ile Glu Met Gly Gly Gln Ala Ala Ser Phe Val Ser  
 130 135 140  
 Trp Gly Gly Val Ser Asp Met Ile Leu Thr Tyr Glu Glu Arg Gln Asp  
 145 150 155 160  
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 165 170 175  
 Pro Glu Glu Tyr Gln Trp Arg Thr Pro Phe Asp Gln Val Asn Lys Ile  
 180 185 190  
 Gln Ala Pro Val Leu Leu Ile His Gly Glu Lys Asp Gln Asn Val Ser  
 195 200 205  
 Ile Gln His Ser Tyr Leu Leu Glu Glu Lys Leu Lys Gln Leu His Lys  
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 Pro Val Glu Thr Trp Tyr Tyr Ser Thr Phe Thr His Tyr Phe Pro Pro  
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Tyr	Gly	Phe	Tyr	Glu	Lys	Asp	Asp	Leu	Asn	Lys	Val	Val	Ser	Leu Leu
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Met	Gly	Ala	Val	Thr	Ala	Leu	Leu	Tyr	Ala	Gly	Ala	His	Cys	Ser Asp
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Gln	Leu	Ala	Tyr	Arg	Leu	Arg	Ala	Glu	Tyr	Arg	Leu	Pro	Ser	Trp Pro
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Val	Leu	Phe	Ile	His	Ser	Lys	Asp	Asp	Asp	Tyr	Ile	Pro	Val	Ser Ser
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Ala	Glu	Asn	Gly	Glu	His	Ala	Met	Ser	Tyr	Thr	Lys	Asn	Arg	His Thr
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Glu	Glu	Leu	Ala	Lys	Val	Gln	Ala	Glu	Pro	Asp	Leu	Gln	Pro	Val Asp
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Pro	His	Pro	Ala	Ile	Val	Lys	Tyr	His	Gly	Tyr	Asn	Ala	Ser	Tyr Asp
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Gly	Glu	Ile	His	Glu	Met	Val	Asn	Trp	Ala	Leu	His	Gly	Tyr	Ala Thr
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Phe	Gly	Met	Leu	Val	Arg	Gly	Gln	Gln	Ser	Ser	Glu	Asp	Thr	Ser Ile
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Leu	Glu	Val	Ile	Ser	Ser	Phe	Asp	Glu	Val	Asp	Glu	Thr	Arg	Ile Gly



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